

50 per cent., and sometimes higher. Dr. Michel, in the paper already referred to, calls it the most fatal disease he ever saw, and says that both he and Dr. T. C. Osborn, of Greensboro', Alabama, lost 50 per cent. of their cases. I don't think a patient with this disease could possibly recover without treatment; and to treat them on antiphlogistic principles would not only surely cause death, but they would be hastened to the grave with almost telegraphic speed. The treatment greatly influences the mortality, the best chance, by far, of recovery being in a vigorous abortive and restorative treatment. The danger to life in all forms of malarial fevers is, of course, chiefly due, as Maclean says, to "the degree of malarial cachexia and the organic change to which it gives rise." In previously hard-worked, badly fed and broken down subjects the mortality is very high, as well as in those addicted to the excessive use of alcohol. The hæmaturic attended with uræmic intoxication, and the gastrorrhagic, are, perhaps, the most fatal forms; the non-uræmic hæmaturic, enterorrhagic, and epistaxic coming next. When two or more forms occur at same time of course the chances of recovery are greatly diminished. When hæmorrhage occurs from the womb, gums and fauces, it almost always does so in connection with some other form of the disease; and shows an extreme cachexia and very low state of vitality. I should state, too, that the circumstances of the patient and good nursing have a certain influence on the mortality. If the patient cannot secure good nursing and good food the best medical treatment often fails.

I have treated (all within the past seven years) eleven cases of this disease, ten of which recovered. My first case, the one that died, sank from pure exhaustion within an hour after I first saw her, her intellect being perfectly clear to almost the very close of life. This case occurred in a young girl just budding into womanhood, and was of the hæmaturic form. She was "in articulo mortis" when I saw her, and remedial measures proved totally unavailing. In the